

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048S17D7209
Catalog No: B402
1/3,18/12,DP,48,1/60/115
Single Phase



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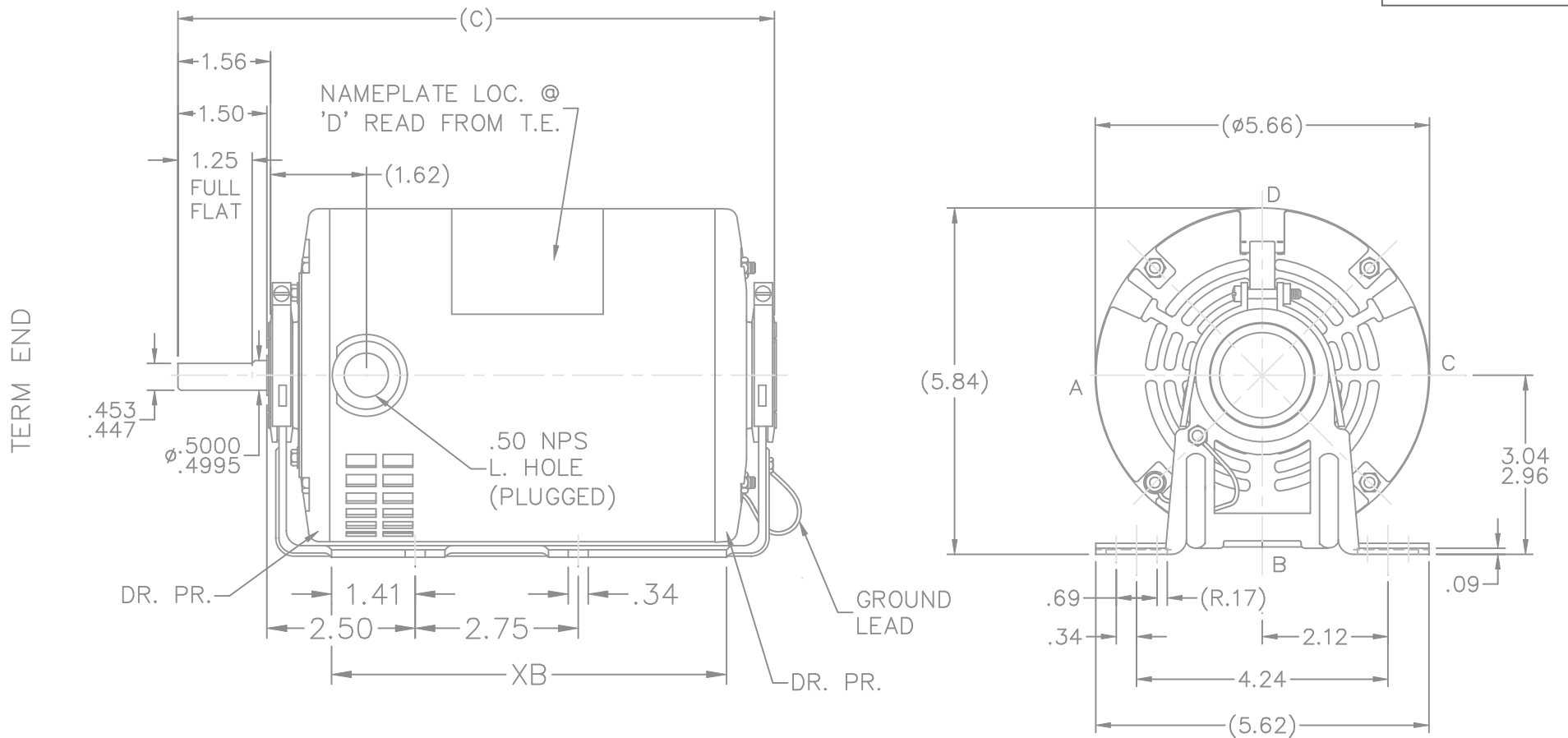
Nameplate Specifications

Output HP	0.33,0.11 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	115 V
Current	5.3,2.9 A	Speed	1725,1165 rpm
Service Factor	1	Phase	1
Efficiency	59.5 %	Duty	Continuous
Insulation Class	B	Design Code	2VT
KVA Code	P	Frame	48
Enclosure	Drip Proof	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	No
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4//6	Rotation	Selective Counterclockwise
Mounting	Resilient Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	10.31 in	Frame Length	6.75 in
Shaft Diameter	0.500 in	Shaft Extension	1.56 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS403623-675	Connection Diagram	A-EE9005B

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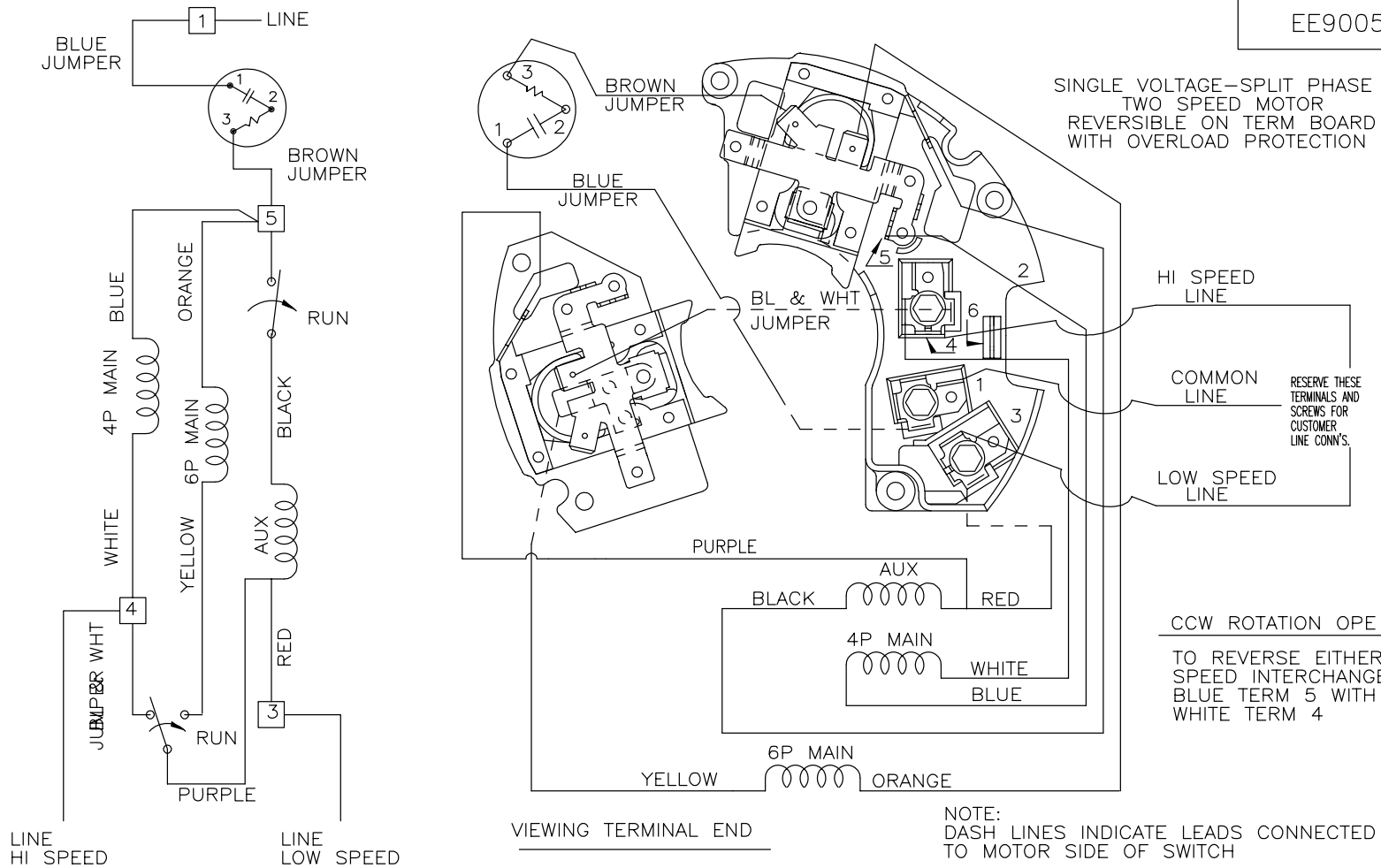


DASH	FRAME	C	XB	DASH	FRAME	C	XB
550	48	9.06	5.69	625	48	9.81	6.44
575	48	9.31	5.94	650	48	10.06	6.69
600	48	9.56	6.19	675	48	10.31	6.94

				TOLERANCES UNLESS SPECIFIED			DRAWN NB 07-11-2007		
				DEC.	INCHES		CHK VL 07-11-2007		
				.X	±.1		APPD VL 07-11-2007		
				.XX	±.03		SCALE 3=8		
				.XXX	±.005		REF SS400184		
				.XXXX	±.0005	FMF CN41440			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	PREV		
				RFP	07-11-2007	CAD FILE	ss403623	SIZE	DRAWING NO. PAGE OF REV.
				DIST	WP			A	SS403623

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EE9005B



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN RM 12-03-1990	
					DEC.	INCHES			
3	UPDATED PER ECR-0036111	UD 12-19-13	BV	.XX	±.03			CHK ML 12-03-1990	
2	RE-ISSUED CN 6381	RM 12-03-90		.XXX	±.005		TITLE CONNECTION DIAGRAM 48 FR. TWO SPEED	APPD GK 12-03-1990	
1	NEW DRAWING	RM 11-20-90		.XXXX	±.0005			SCALE 3=8	
								REF	
								FMF	
								PREV	
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				DIST			A	EE9005B	03